U-09

Enabling Technical Capabilities

N. Arnold, R. Janik, J. Maclean, C. Saunders, and K. Sidorowicz

Advanced Photon Source, Argonne National Laboratory, Argonne, IL 60439

Enabling technical capabilities provide the foundations (literally in some cases) on which parts of the APS Upgrade will be built. This somewhat eclectic area encompasses Conventional Facilities, IT Infrastructure, and Software Infrastructure. Although at this early stage it is difficult to define solid requirements, here we present some ideas and concepts that we believe may be required to support the upgraded APS. We would like to provoke thought and discussion and welcome feedback.